

Application No. 10/049,488
Amendment dated
Reply to Office Action of March 24, 2008

2

Docket No.: 56925(71745)

RECEIVED
CENTRAL FAX CENTER
AUG 21 2008

AMENDMENTS TO THE CLAIMS

Amendments To The Claims:

Listing of Claims

The following listing of claims replaces all previous listings or versions thereof:

- 1 – 8. (canceled)
9. (previously presented) A method of making a plunger type pipette, comprising molding and setting a second material around a central plunger having an outer surface and being formed of a first drawn material, such that the second material forms a barrel corresponding to the outer surface of the plunger, and the central plunger can slide in the barrel to draw a substance into it and/or to dispense a substance from it.
- 10 (previously presented) A method according to claim 9, wherein the first drawn material is selected from the group consisting of drawn wire and extruded metal.
11. (previously presented) A method according to claim 9, wherein the first drawn material is selected from the group consisting of a metal, a ceramic, and a plastic material.
12. (previously presented) A method according to claim 9, wherein the second material is a plastic material.
13. (previously presented) A method according to claim 9, wherein the first drawn material is actively cooled during the molding step.
14. (previously presented) A method according to claim 9, wherein each of the first drawn material and the second material has a thermal conductivity and a specific heat capacity, and wherein a relationship of the thermal conductivities and specific heat capacities of the first drawn material and the second material is selected from the group consisting of:
 - (a) the thermal conductivity of the first drawn material is greater than the thermal conductivity of the second material,
 - (b) the specific heat capacity of the first drawn material is greater than the specific heat capacity of the second material, and

BOS2 689961.1

Application No. 10/049,488
Amendment dated
Reply to Office Action of March 24, 2008

3

Docket No.: 56925(71745)

(c) the thermal conductivity of the first drawn material is greater than the thermal conductivity of the second material, and the specific heat capacity of the first drawn material is greater than the specific heat capacity of the second material.

15. (previously presented) A method according to claim 9, wherein the molding step comprises performing one of the steps from the group consisting of injection molding, welding, coextrusion casting and dip coating.

16. (previously presented) A method according to claim 9, wherein the barrel, as formed, has a uniform cylindrical shape.

17. (previously presented) A plunger type pipette comprising:

a) a central plunger formed from a first drawn material;

b) a barrel formed from a second material, by moulding and setting the second material around the central plunger;

wherein the barrel has an inner core and the plunger has an outer surface each of which are uniform cylinders, the barrel inner core corresponding to the plunger outer surface along its entire length, and wherein the central plunger can slide in the barrel to draw a substance into it and/or to dispense a substance from it, the plunger being projectable beyond a tip of the barrel.

18. (previously presented) A device according to claim 17, wherein the device is attached to a flexible strip in a manner to allow for attachment of a plurality of additional devices.

19. (previously presented) A device according to claim 18, wherein the strip includes a plurality of sprocket holes defined therein to drive and align any attached device.

20. (canceled)

21. (previously presented) A device according to claim 17, wherein the device is formed to include a heat sealable tip.

22. (canceled)

BOS2 689961.1